

STANDARD FORM NO. 64

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TO : The Files, Project RD-71, RR-11AA/BB
Transistorized Rec

DATE: 7 October 1955**FROM :**

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SUBJECT: Trip and Progress Report, 4 October 1955.

1. On 4 October the writer visited the [] where the RR-11AA/BB is under development, and a brief discussion was held with [], Senior Project Engineer for this task.

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2. Progress on the receiver seems to be moving at a satisfactory rate as the circuitry and other design considerations of the I.F. amplifier and of the tuners has been largely resolved. One problem, however, came to light that is causing some concern. It seems that the electronic assembly which consists of the I.F. amplifier, mechanical filter, BFO, and the audio stage operates quite satisfactorily, and that the "front end" tuner also operates quite nicely, but when the two are assembled in the case and connected to a common battery an extremely erratic operation takes place in that the overall system is unstable. This seems to be due to feed-back taking place through the battery and is of such nature that filters inserted into the electronic assembly are inadequate. To date, filters have not been incorporated in the tuner, but the writer understands this is to be done in the near future.

[] was confident that this trouble would be cleared up before the writer's next visit to the plant.

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3. Generally speaking, the design has reached such a level that procurement orders to various suppliers have been placed, which will enable [] to begin assembly of the first prototype model within the near future and that this first model should be available sometime in November.

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